

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/579,029  
Source: IFWP  
Date Processed by STIC: 05/22/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 05/22/2006

PATENT APPLICATION: US/10/579,029

TIME: 14:11:24

Input Set : A:\ROSA127563Seq.txt

Output Set: N:\CRF4\05222006\J579029.raw

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3 <110> APPLICANT: Raymond, Christopher K.
5 <120> TITLE OF INVENTION: METHODS FOR QUANTITATING SMALL RNA MOLECULES
7 <130> FILE REFERENCE: ROSA-1-27563
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/579,029
C--> 9 <141> CURRENT FILING DATE: 2006-05-11
9 <150> PRIOR APPLICATION NUMBER: US 60/647,178
10 <151> PRIOR FILING DATE: 2005-01-25
12 <150> PRIOR APPLICATION NUMBER: PCT/US06/002591
13 <151> PRIOR FILING DATE: 2006-01-25
15 <160> NUMBER OF SEQ ID NOS: 499
17 <170> SOFTWARE: PatentIn version 3.2
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22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Primer
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36 <220> FEATURE:
37 <223> OTHER INFORMATION: Primer
39 <400> SEQUENCE: 2
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44 <211> LENGTH: 31
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Primer
51 <400> SEQUENCE: 3
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55 <210> SEQ ID NO: 4
56 <211> LENGTH: 34
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
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63 <400> SEQUENCE: 4
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72 <220> FEATURE:
73 <223> OTHER INFORMATION: Primer
75 <400> SEQUENCE: 5
76 catgatcagc tgggccaaga cgccaatatt tacgt 35
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 31
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Primer
87 <400> SEQUENCE: 6
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92 <211> LENGTH: 32
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
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99 <400> SEQUENCE: 7
100 catgatcagc tgggccaaga ctgttcctgc tg 32
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104 <211> LENGTH: 36
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
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111 <400> SEQUENCE: 8
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117 <212> TYPE: DNA
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130 <213> ORGANISM: Artificial Sequence
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136 catgatcagc tgggccaaga tgagctacag tg 32
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159 <400> SEQUENCE: 12
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165 <212> TYPE: DNA
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180 <220> FEATURE:
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184 <220> FEATURE:
185 <221> NAME/KEY: misc_feature
186 <222> LOCATION: (3)..(7)
187 <223> OTHER INFORMATION: Nucleotide at position 3 and/or 7 may be modified by
188 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety
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191 tgaggtagta gggtg 15
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204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (3)..(8)
206 <223> OTHER INFORMATION: Nucleotide at position 3 and/or 6 and/or 8 may be modified
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207 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety
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Input Set : A:\ROSA127563Seq.txt

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 224 <222> LOCATION: (4)..(7)  
 225 <223> OTHER INFORMATION: Nucleotide at position 4 and/or 7 may be modified by  
 226 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety  
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 229 tagcagcaca taatg 15  
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 233 <211> LENGTH: 14  
 234 <212> TYPE: DNA  
 235 <213> ORGANISM: Artificial Sequence  
 237 <220> FEATURE:  
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 242 <221> NAME/KEY: misc\_feature  
 243 <222> LOCATION: (2)..(5)  
 244 <223> OTHER INFORMATION: Nucleotide at position 2 and/or 5 may be modified by  
 245 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety  
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 254 <213> ORGANISM: Artificial Sequence  
 256 <220> FEATURE:  
 257 <223> OTHER INFORMATION: Primer  
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 262 <222> LOCATION: (2)..(6)  
 263 <223> OTHER INFORMATION: Nucleotide at position 2 and/or 4 and/or 6 may be modified  
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 264 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety  
 266 <400> SEQUENCE: 18  
 267 tagcttatca gactgat 17  
 270 <210> SEQ ID NO: 19  
 271 <211> LENGTH: 14  
 272 <212> TYPE: DNA  
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 275 <220> FEATURE:  
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 280 <221> NAME/KEY: misc\_feature  
 281 <222> LOCATION: (4)..(4)  
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Input Set : A:\ROSA127563Seq.txt

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283 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety

285 <400> SEQUENCE: 19

286 tggctcagtt cagc 14

289 <210> SEQ ID NO: 20

290 <211> LENGTH: 13

291 <212> TYPE: DNA

292 <213> ORGANISM: Artificial Sequence

294 <220> FEATURE:

295 <223> OTHER INFORMATION: Primer

298 <220> FEATURE:

299 <221> NAME/KEY: misc\_feature

300 <222> LOCATION: (2)..(6)

301 <223> OTHER INFORMATION: Nucleotide at position 2 and/or 3 and/or 6 may be modified

by

302 2'-O,4'-C-methylene-beta-D-ribofuranosyl moiety

304 <400> SEQUENCE: 20

305 tggagtgtga caa 13

308 <210> SEQ ID NO: 21

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310 <212> TYPE: DNA

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318 <221> NAME/KEY: misc\_feature

319 <222> LOCATION: (2)..(5)

320 <223> OTHER INFORMATION: Nucleotide at position 2 and/or 5 may be modified by

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323 <400> SEQUENCE: 21

324 ttaaggcacg cg 12

327 <210> SEQ ID NO: 22

328 <211> LENGTH: 15

329 <212> TYPE: DNA

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337 <221> NAME/KEY: misc\_feature

338 <222> LOCATION: (3)..(6)

339 <223> OTHER INFORMATION: Nucleotide at position 3 and/or 6 may be modified by

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343 tgagatgaag cactg 15

346 <210> SEQ ID NO: 23

347 <211> LENGTH: 14

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351 <220> FEATURE:

352 <223> OTHER INFORMATION: Primer

355 <220> FEATURE:

**VERIFICATION SUMMARY**

DATE: 05/22/2006

PATENT APPLICATION: US/10/579,029

TIME: 14:11:25

Input Set : A:\ROSA127563Seq.txt

Output Set: N:\CRF4\05222006\J579029.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date